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PN - JP9010328 A 19970114
PD - 1997-01-14
PR - JP19950184856 19950627
OPD - 1995-06-27
TI - PHTOTHERAPIC DEVICE
IN - TSUJI KENJI KAMIYA MAKOTO
PA - MINOLTA CO LTD
IC - A61N5/06 ; H01J61/86

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TI - Radiation therapy equipment using xenon discharge tube - has unit to control amount of light emitted by discharge tube based on reflecting quantity of light detected by optical sensor
PR - JP19950184856 19950627
PN - JP9010328 A 19970114 DW199712 A61N5/06 015pp
PA - (MIOC) MINOLTA CAMERA KK
IC - A61N5/06 ; H01J61/86
AB - J09010328 The appts (1) includes an xenon discharge tube (15) in a medical treatment probe (4) that irradiates light to a living body diseased part. The medical treatment probe is mounted on the diseased part.
- An optical sensor (20) which receives reflected light from the diseased part. Based on the reflecting quantity of light detected by the optical sensor, a light emitting controller (31) controls the amount of light by the discharge tube.
- USE/ADVANTAGE - For treating ache of body. Enables to limit light emitted. Performs safe and effective medical treatment.
- (Dwg.1/25)
OPD - 1995-06-27
AN - 1997-126733 [12]

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AB - PURPOSE: To set the light quantity appropriate to the color of the

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skin, prevent the light from emitting more than necessity, and safely and efficiently performing a therapy by providing an emission control means for controlling light emission quantity of a flash emitting part according to the reflection light quantity detected by an optical sensor.

- CONSTITUTION: This phototherapeutic device¹ is provided with therapeutic probes 4 which are mounted on a lesion and have xenon discharge tubes 15 for irradiating a flash light on the lesion and optical sensors 20 for receiving a reflection light from the lesion by its emission, and an emission control means which controls emission quantity by the xenon discharge tube 15. When performing the therapy, the setting of the emission quantity by the xenon discharge tube 15 is controlled based on the reflection light quantity detected by the optical sensor 20 and the emission control means controls in such a way as to emit light according to the set emission quantity. Therefore, in the case of the darkly pigmented skin, the flash emission quantity is so controlled as to eliminate the light from emitting more than necessary light quantity.

I - A61N5/06 ;H01J61/86

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